

Message Text

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ACTION EUR-12

INFO OCT-01 ISO-00 FEA-01 ACDA-10 CEQ-01 CIAE-00 DOTE-00

EPA-04 HEW-06 HUD-02 INR-07 INT-05 L-03 NSAE-00

NSC-05 NSF-02 OIC-02 PA-02 PM-04 PRS-01 SAJ-01 OES-06

SP-02 SS-15 TRSE-00 USIA-15 ERDA-07 AID-05 CEA-01

CIEP-02 COME-00 DODE-00 EB-07 FPC-01 H-02 OMB-01

SAM-01 STR-04 /138 W

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R 151212Z OCT 76

FM USMISSION NATO

TO SECSTATE WASHDC 9794

INFO ALL NATO CAPITALS 6453

USMISSION OECD PARIS

USMISSION EC BRUSSELS

UNCLAS USNATO 5602

DEPT PLEASE PASS EPA HARRIS

E.O. 11652: N/A

TAGS: CCMS, NATO, ENRG

SUBJ: CCMS-FALL 1976 PLENARY-GEOTHERMAL ENERGY PILOT STUDY
REPORT

SUMMARY: THE US AS PILOT COUNTRY, PRESENTED A STATUS
REPORT ON THE FIVE PROJECTS OF GEOTHERMAL ENERGY
STUDY: A) US-ITALIAN INFORMATION EXCHANGE AGREEMENT;
B) SMALL POWER PLANT FINAL REPORT; C) RESERVOIR ASSESSMENT;
D) NON-ELECTRICAL USES; E) DRY HOT ROCK VISITING SCIENTISTS
PROGRAM.

GREECE PROPOSED AN EXCHANGE OF INFORMATION AND ANALYSIS
OF GEOTHERMAL DATA WITH TURKEY, WHICH WE MED THE PRO-
POSAL AND WILL STUDY IT FOR IMPLEMENTATION IN THE NEAR
FUTURE. END SUMMARY.

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1. THE US (WERNER) DESCRIBED THE EXCHANGE OF INFORMATION
WHICH HAS BEGUN BETWEEN THE US AND ITALY UNDER A
BILATERAL MOU SIGNED MAY 5 IN ROME. PROF. FAEDO OF
CNR HAS BEEN DESIGNATED ITALIAN COORDINATOR, WITH

THE US COORDINATOR YET TO BE NAMED. THE US HAS INITIALED EXCHANGE OF MATERIALS BY PROVIDING SEVERAL COMPUTER TAPES CONTAINING BIBLIOGRAPHIES AND A THESAURUS OF TECHNICAL TERMS.

2. THE US CIRCULATED TO THE PLENARY DELEGATES THE FINAL REPORT ON "MODULAR 5 MW GEOTHERMAL PLANT DESIGN CONSIDERATIONS AND GUIDELINES," FIRST PROPOSED AT THE 1975 AZORES MEETING. A MTG. OF EXPERTS THIS MONTH WILL PREPARE RECOMMENDATIONS FOR DECISION BY THE INTERNATIONAL ENERGY AGENCY (IEA) IN NOVEMBER ON THE POSSIBILITY OF DESIGNING AND CONSTRUCTING PROTOTYPE SMALL POWER PLANTS.

3. WORK IS UNDERWAY TO TRANSFER ACTIVITY IN RESERVOIR ASSESSMENT FROM CCMS TO A US-MEXICAN CO-OPERATIVE PROGRAM. A RESERVOIR RESEARCH AGREEMENT EXPECTED TO BE SIGNED IN THE NEAR FUTURE WILL SIGNAL TERMINATION OF THE CCMS PROJECT.

4. THE NON-ELECTRICAL USES PROJECT, DIRECTED BY FRANCE, HELD A WORKSHOP IN PARIS ON JUNE 9-10, 1976. THE DGRST DISTRIBUTED AN EXCELLENT DOCUMENT DESCRIBING THE FRENCH NON-ELECTRIC PROGRAM, WHICH IS CURRENTLY BEING TRANSLATED INTO ENGLISH, AND WILL BE DISTRIBUTED UNDER CCMS AUSPICES IN THE NEAR FUTURE. A WORKSHOP SUMMARIZING ICELANDIC/FRENCH/US COOPERATIVE RESEARCH IN THIS AREA IS PLANNED FOR WASHINGTON, D.C. IN THE SPRING OF 1977.

5. VISITING FOREIGN SCIENTISTS ARE CONTINUING TO PARTICIPATE IN THE LOS ALAMOS LABS DRY HOT ROCK PROGRAM, CURRENTLY, A GEOPHYSICIST FROM THE FRG AND A GEOLOGIST FROM FINLAND. ITALIAN PARTICIPANTS ARE EXPECTED IN THE NEAR FUTURE. A FINAL MEETING ON THIS PROGRAM IS EXPECTED IN MID-1977.

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6. ITALY (BARBIER) DESCRIBED ITS TWO PRINCIPAL GEOTHERMAL FIELDS AT LARDERELLO AND LATIUM WHERE BRINE REINJECTION RESEARCH IS UNDERWAY. AT LATIUM, ITALY, HAD DRILLED A 2,500 METER WELL, WHICH IS, UNFORTUNATELY, NOT SUFFICIENTLY IMPERMEABLE. WHERE HIGH TEMPERATURE STEAM AND FLUIDS DO NOT EXIST, THE ITALIAN PROGRAM IS ATTEMPTING TO CREATE THEM BY FRACTURING THE RESERVOIR.

7. GREECE (DEMETRIADOS) HAS COMPLETED ITS FIRST TWO DRILLINGS ON THE ISLAND OF MILOS, WITH ONE WELL ALREADY IN PRODUCTION. GREECE INDICATED ITS INTEREST IN EXCHANGE OF INFORMATION AND DATA ANALYSIS WITH

TURKISH GEOTHERMAL EXPERTS, A PROPOSAL WHICH WAS NOTED WITH PLEASURE AND WILL BE STUDIED BY TURKEY (SERDAROGLU).

8. THE FRG (KUPFER) EXPRESSED ITS APPRECIATION TO THE US FOR THE OPPORTUNITY TO PARTICIPATE IN THE LOS ALAMOS VISITING SCIENTISTS PROGRAM. THESE EXPERIENCES ARE MOST VALUABLE TO THE FRG AS IT ATTEMPTS TO ESTIMATE THE POTENTIAL FOR GEOTHERMAL ACTIVITIES IN THE FRG.

9. FRANCE (FESQUET) ALSO EXPRESSED ITS APPRECIATION TO THE US FOR ITS ACTIVE PARTICIPATION IN NON-ELECTRICAL USES, AND FOR UNDERTAKING TO TRANSLATE AND DISTRIBUTE THE DGRST REPORT INTO ENGLISH.

10. FYI: FRENCH PRIVATELY INDICATED TO USDEL CONCERNS OVER FOLLOW-UP ACTIVITIES OF THIS STUDY TAKING PLACE IN IEA, WHERE FRENCH PARTICIPATION MIGHT BE PRECLUDED. END FYI. STREATOR

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Message Attributes

Automatic Decaptioning: X
Capture Date: 30 AUG 1999
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
Draft Date: 15 OCT 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976NATO05602
Document Source: ADS
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: n/a
Film Number: n/a
From: NATO
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t197610100/baaaazdd.tel
Line Count: 131
Locator: TEXT ON-LINE
Office: n/a
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators:
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: ullricre
Review Comment: n/a
Review Content Flags:
Review Date: 09 AUG 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <09 AUG 2004 by schaeafaj>; APPROVED <10 DEC 2004 by ullricre>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: n/a
TAGS: CCMS, NATO, ENRG
To: STATE
INFO ALL NATO CAPITALS
MULTIPLE
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006